

# INTERNATIONAL SEARCH REPORT

International Application No

EP/EP2004/003455

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N21/03 G02B5/00 G01N21/05 G01N21/55 G01J3/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N G02B G01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 26 21 895 A (HELLMA GMBH U KG GLASTECHNISCH) 1 December 1977 (1977-12-01) page 3, paragraph 8 - page 4, paragraph 2 figure 1	1-3
X	US 4 934 818 A (GLANTSCHNIG WERNER J ET AL) 19 June 1990 (1990-06-19)	1,2,4,7, 9,10,14, 16,18,22 13
X	column 2, line 6 - line 28 column 4, line 42 - column 5, line 30 figures 1,6	
A	WO 01/63256 A (BURKERT KLAUS ; VETTER DIRK (DE); DICKOPF STEFAN (DE); GRAFFINITY PHAR) 30 August 2001 (2001-08-30) cited in the application abstract	1-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

28/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schenke, C

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/003455

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 164 589 A (SJOEDIN HAAKAN) 17 November 1992 (1992-11-17) column 3, line 63 - column 4, line 15 figure 2 -----	11,12, 19,20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003455

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2621895	A	01-12-1977	DE 2621895 A1	01-12-1977
US 4934818	A	19-06-1990	NONE	
WO 0163256	A	30-08-2001	DE 10008006 A1	13-09-2001
			DE 10052165 A1	16-05-2002
			AU 4644701 A	03-09-2001
			AU 4644801 A	03-09-2001
			CA 2400828 A1	30-08-2001
			CA 2402608 A1	30-08-2001
			WO 0163256 A1	30-08-2001
			WO 0163257 A1	30-08-2001
			EP 1259796 A1	27-11-2002
			EP 1257809 A1	20-11-2002
			JP 2003524178 T	12-08-2003
			JP 2003524179 T	12-08-2003
			US 2003128364 A1	10-07-2003
			US 2001026943 A1	04-10-2001
US 5164589	A	17-11-1992	SE 462408 B	18-06-1990
			AT 181423 T	15-07-1999
			AT 100197 T	15-01-1994
			DE 68912343 D1	24-02-1994
			DE 68912343 T2	05-05-1994
			DE 68929019 D1	22-07-1999
			DE 68929019 T2	07-10-1999
			EP 0534941 A1	07-04-1993
			EP 0442921 A1	28-08-1991
			JP 4504765 T	20-08-1992
			JP 3064313 B2	12-07-2000
			JP 4501462 T	12-03-1992
			JP 3294605 B2	24-06-2002
			SE 8804075 A	10-11-1988
			WO 9005295 A1	17-05-1990
			WO 9005317 A1	17-05-1990
			US 5313264 A	17-05-1994

**This Page Blank (uspio)**